



County of Riverside
DEPARTMENT OF ENVIRONMENTAL HEALTH

P.O. BOX 7909 • RIVERSIDE, CA 92513-7909

STEVE VAN STOCKUM, DIRECTOR

COMPLIANCE ORDER

NO. 05_63_17R_002

WATER SYSTEM NO. 3301535
Rancho Carrillo Mutual Water Company
Ortega HWY.
Lake Elsinore, CA 92693

May 24, 2017

TO: Rancho Carrillo Mutual Water Company
30200 Rancho Viejo Road Ste. A
San Juan Capistrano, CA 92675

FINDINGS OF FACT

OVERVIEW

Rancho Carrillo Mutual Water Company (hereafter “Rancho Carrillo” or “Respondent”) is a Community Water System serving 75 metered service connections. The sources for this system are: Well #1 (Warren Well- Station # 33015350-014) is located on Lot 58 (Verdugo Rd. & Quail Springs Road), is 600 feet deep and is serviced by a 7.5 hp submersible pump. This well has a flow meter and is producing 8 gpm. (The Warren Well was drilled in December 2012 with a 100’ seal.) Well # 1 pumps to the storage tank, to the backup storage tank and to the distribution system. Well #6 (Station # 3301535-006) is located on Lot 26 at Fox Springs and Verdugo Roads and it is serviced by a 3 hp submersible pump. This well has a flow meter and is producing 6 gpm. This well pumps to the distribution system and on to the storage tank. Well #9 (Station # 33015350-012) is located on Lot #8, is ~625 feet deep and is serviced by a 7.5 hp submersible pump. This well has a flow meter and is producing 10 gpm. The well pumps water to the distribution system and to the storage tank. Well #10 (Station #3301535-013) is located on Lot 11, is ~450 feet deep and is serviced by a 3-4 hp submersible pump. This well has a flow meter and is producing 5 gpm. This well pumps to the distribution system and to the storage tank. Well # 11 (Station # 3301535-016) is located in front of Lot #20. This well was drilled in September 2014. It is 1,225 feet deep with a 120’ sanitary seal. This well has a flow meter and is producing 10 gpm. This well pumps to the distribution system and to the storage tank.

There are three standby wells: Well #3 is located inside of a structure in front of Lot # 15. It is disconnected from the system and the pump has been removed. Well #4 is located on Lot #51

near the Fire Station/Community Center, is 350 feet deep and is serviced by a 3 hp submersible pump. This well is off-line, but it produces about 7 gpm. As per operator they plan on restoring function to this well in the near future. Well #5 is located on Lot #28 on Fox Springs Rd. This well is off line.

Well #1 was reported to be over half the State Maximum Contaminant Level (MCL) for Nitrate in March 2017.

The sample collected from Well #1 in April 2015 showed nitrate concentrations over half the MCL. Therefore, in accordance with Title 22 of the California Code of Regulations (“CCR”) Section 64432(g), Rancho Carrillo was required to begin quarterly nitrate monitoring.

A summary of Rancho Carrillo’s nitrate monitoring for Well #1 is presented in the table below.

Date of Sampling	Result
March 01, 2017	9.35 mg/L
March 22, 2017	5.40 mg/L

Well #4 was reported to be over the State Maximum Contaminant Level (MCL) for Nitrate in March 2017.

Well #4 now exceeds the State drinking water standard for Nitrate which is established as 10.0 mg/L. Community water systems must comply with the MCL for Nitrate. This well is currently off line.

The sample collected from Well #4 in March 2017 showed nitrate concentrations over the MCL. Therefore, in accordance with CCR Section 64432(g), Rancho Carrillo was required to begin yearly nitrate monitoring or quarterly nitrate monitoring if well is placed back on line.

A summary of Rancho Carrillo’s nitrate monitoring for Well #4 is presented in the table below.

Date of Sampling	Result
March 01, 2017	8.85 mg/L
March 22, 2017	28.9 mg/L
April 13, 2017	12.2 mg/L

Well #6 was reported to be over the State Maximum Contaminant Level (MCL) for Nitrate in March 2017.

Well #6 now exceeds the Federal drinking water standard for nitrate established as 10.0 mg/L. Community water systems must comply with the MCL for Nitrate.

The sample collected from Well #6 in March 2017 showed nitrate concentrations over the MCL. Therefore, in accordance with CCR Section 64432(g), Rancho Carrillo was required to begin quarterly nitrate monitoring.

A summary of Rancho Carrillo's nitrate monitoring for Well #6 is presented in the table below.

Date of Sampling	Result
March 01, 2017	10.2 mg/L
March 22, 2017	11.7mg/L
April 13, 2017	11.8 mg/L

Well #10 was reported to be over the State Maximum Contaminant Level (MCL) for Nitrate in March 2017.

Well #10 now exceeds the State drinking water standard for Nitrate established as 10.0 mg/L. Community water systems must comply with the MCL for Nitrate.

The sample collected from Well #10 in March 2017 showed nitrate concentrations over the MCL. Therefore, in accordance with CCR Section 64432(g), Rancho Carrillo was required to begin quarterly nitrate monitoring.

A summary of Rancho Carrillo's nitrate monitoring for Well #10 is presented in the table below.

Date of Sampling	Result
March 01, 2017	10.8 mg/L
March 22, 2017	10.9 mg/L
April 13, 2017	7.12 mg/L

Riverside County Department of Environmental Health (the "Department") required Rancho Carrillo to issue a Tier 1 Nitrate notice to the water consumers of Rancho Carrillo on March 20, 2017. The water system hesitated to distribute this notice. Rancho Carrillo did not comply and was once again instructed to issue a Tier 1 nitrate notice on March 28, 2017. The Tier 1 Nitrate notice was issued on 3/29/2017. The Department received a Proof of Notification Form and a copy of the Tier 1 from the certified water operator.

ORDER

Pursuant to the California Safe Drinking Water Act, Health & Safety Code Sections 116650 and 116655, the Riverside County Department of Environmental Health (the "Department") hereby orders Rancho Carrillo Mutual Water Company to do the following:

1. Secure a reliable source of water that meets drinking water standards. The following are some available options:
 - A. Provide a State Water Resources Control Board Division of Drinking Water ("DDW") approved treatment system to correct the nitrate violation. DDW and this Department must approve any type of treatment prior to installation. Detailed plans and plan check fees will be required.

- B. Provide a State Water Resources Control Board Division of Drinking Water ("DDW") approved blending plan to correct the nitrate violation. DDW and this Department must approve any type of blending plans prior to implementation. Detailed plans and plan check fees will be required.
 - C. Drill a new well or new wells under permit with this Department that do not exceed the nitrate MCL.
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- 2. Continue to sample wells # W1, #6 and #10 quarterly for nitrate. Sample Well # 4 annually or quarterly if well is approved to be placed back into the distribution system. Ensure that the analytical results are reported to the Department by the analyzing laboratory no later than the 10th day following the month in which the analysis was completed.
 - 3. Continue to notify all residents quarterly using an approved Tier 1 notice regarding the nitrate levels in the water.
 - 4. Submit Proof of Notification to this Department within 10 days following notification.
 - 5. Notify customers of the violation on the annual Consumer Confidence Report for calendar year 2017.

Submit the Corrective Action Plan with Rancho Carrillo's decision on the method of compliance and reasonable work schedule to this Department, in writing, no later than August 2nd, 2017. Respondent shall indicate the estimated amount of time necessary to provide a reliable source of water. The Department will take under consideration Respondent's submitted work schedule and estimated time of completion and will either accept or modify the Respondent's proposed date, and will notify the Respondent of its decision, in writing.

PARTIES BOUND

This Citation & Compliance Order ("Order") shall apply to and be binding upon the Respondent, its officers, directors, agents, employees, successors and assignees.

SEVERABILITY

The requirements of this Order are severable, and Respondent shall comply with each and every provision thereof notwithstanding the effectiveness of any provisions.

PENALTIES FOR NONCOMPLIANCE

Failure to comply with all the terms of this Order may subject Respondent to civil penalties and/or any costs incurred by the Department as a result of such failure, as provided by Health & Safety Code section 116595 and other applicable provisions of law.

OTHER PROVISIONS

The Department reserves the right to make such modifications to this Order as it may deem necessary to protect public health and safety. Such modifications may be issued as an amendment to this Order and shall be effective upon issuance.

All submittals required by this Order shall be addressed to:

County of Riverside
Department of Environmental Health

Attention: Mark Abbott, Supervising REHS
47950 Arabia St., Suite A
Indio, CA 92201
(760) 863-7570

If Respondent is unable to perform the tasks specified in this Order for any reason beyond the Respondent's control, and if Respondent notifies the Department in advance of the due date, the Department *may* extend the time for performance if Respondent demonstrates good cause, which includes good faith efforts to comply with the schedules and other requirements of this Order. The decision to extend the date(s) of compliance shall be based upon good cause shown and within the sole discretion of the Department.

If Respondent fails to perform any of the tasks specified in this Order by the time described herein or by the time as subsequently extended pursuant to the paragraph above, Respondent shall have failed to comply with the obligations of this Order and may be subject to additional action, including but not limited to civil penalties specified in Health & Safety Code sections 116650 and 116725.

The County of Riverside shall not be held liable for any injuries or damages to persons or property resulting from acts or omissions by the Respondent, its employees, agents, or contractors in carrying out activities pursuant to this Order, nor shall the County of Riverside be held as a party to any contract entered into by the Respondent or its agents in carrying out activities pursuant to this Order.

By issuance of this Order, the Department of Environmental Health does not waive any further enforcement actions.

5-24-17
Date


Mark Abbott R.E.H.S.
Supervising Environmental Health Specialist

CERTIFIED MAIL: